

**Notice of Allowability**

Application No.

10/649,806

Examiner

Juanita D. Stephens

Applicant(s)

HASHII ET AL.

Art Unit

2853

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to RCE filed 4/14/2005.
2. ☒ The allowed claim(s) is/are 1-42 and 81-122.
3. ☒ The drawings filed on 24 March 2004 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 4/14/2005
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

Juanita D. Stephens  
Primary Examiner  
Art Unit: 2853

### **DETAILED ACTION**

Claims 43-40 cancelled.

#### ***Continued Examination Under 37 CFR 1.114***

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after allowance or after an Office action under *Ex Parte Quayle*, 25 USPQ 74, 453 O.G. 213 (Comm'r Pat. 1935). Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, prosecution in this application has been reopened pursuant to 37 CFR 1.114. Applicant's submission filed on 4/14/2005 has been entered.

#### ***Allowable Subject Matter***

2. Claims 1-42 and 81-122 are allowed.

3. The following is an examiner's statement of reasons for allowance:

The prior art does not teach or suggest the combination of an ink container having an upper wall, a bottom wall, a first side wall intersecting the bottom wall and a second side wall intersecting the bottom wall and facing the first side wall, an ink supply port disposed on the bottom wall at an offset position closer to the first side wall than to the second side wall, a first projecting portion disposed on the second side wall and located closer to the bottom wall than to the upper wall, the first projecting portion having a plurality of side portions for being restricted in position when the ink cartridge is mounted on the recording apparatus, a pressed portion disposed on the second side wall, the pressed portion having an upper surface for being pressed by the pressing member of the

Art Unit: 2853

recording apparatus, a retaining member engageable with the receiving part of the recording apparatus when the ink cartridge is mounted on the recording apparatus, and a plurality of electrodes disposed on the first projecting portion, and electrically connected to a memory unit disposed on the ink container, recited in independent claim 1. This invention solves the problem of enabling simplification of the position regulating structure of an electrode group and reduction in size.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

The prior art of Sturgeon et al. (US 6,302,535 B1) discloses an ink container (Fig. 7) having an upper wall, a bottom wall, a first side wall intersecting the bottom wall and a second side wall intersecting the bottom wall and facing the first side wall, an ink supply port disposed on the bottom wall at an offset position closer to the first side wall than to the second side wall, a retaining member engageable with the receiving part of the recording apparatus when the ink cartridge is mounted on the recording apparatus, but **does not disclose** a first projecting portion disposed on the second side wall and located closer to the bottom wall than to the upper wall, the first projecting portion having a plurality of

Art Unit: 2853

side portions for being restricted in position when the ink cartridge is mounted on the recording apparatus, a pressed portion disposed on the second side wall, the pressed portion having an upper surface for being pressed by the pressing member of the recording apparatus, and a plurality of electrodes disposed on the first projecting portion, and electrically connected to a memory unit disposed on the ink container.

The prior art of Miyazawa et al. (US 6,722,762 B2) discloses an ink container body 72 having an upper wall, a bottom wall, a first side wall intersecting the bottom wall and a second side wall intersecting the bottom wall and facing the first side wall, an ink supply port disposed on the bottom wall at an offset position closer to the first side wall than to the second side wall, a first projecting portion disposed on the second side wall and located closer to the bottom wall than to the upper wall, the first projecting portion having a plurality of side portions for being restricted in position when the ink cartridge is mounted on the recording apparatus, a retaining member engageable with the receiving part of the recording apparatus when the ink cartridge is mounted on the recording apparatus, but **does not disclose** a pressed portion disposed on the second side wall, the pressed portion having an upper surface for being pressed by the pressing member of the recording apparatus, and a plurality of electrodes disposed on the first projecting portion, and electrically connected to a memory unit disposed on the ink container.

#### Contact Information

Art Unit: 2853

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Juanita D. Stephens whose telephone number is (571) 272-2153. The examiner can normally be reached on Flex.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Meier can be reached on (571) 272-2149. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



JS

June 21, 2005

Juanita D. Stephens  
Primary Examiner  
Art Unit 2853